

RECEIVED

MAY 10 1993

GROUP 2300

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

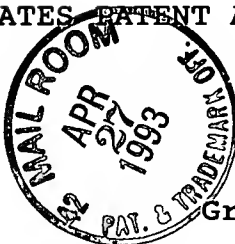
In re application of

Kenichi NOBE et al.

Appln. No. 07/858,645

Filed: March 27, 1992

For: ON-VEHICLE NAVIGATION APPARATUS



RECEIVED
MAY 10 1993
GROUP 2300

Group Art Unit: 2304

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

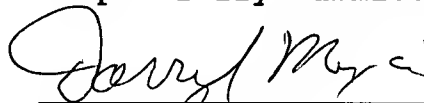
The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 CFR §1.97(e) or fee under 37 CFR §1.17(p) is required.

In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3) for foreign language documents, Applicants

submit the following explanations: All references are described in the specification.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



Darryl Mexic
Registration No. 23,063

SUGHRUE, MION, ZINN,
MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3202
(202) 293-7060
Date: April 27, 1993